

ANCHORAGE AMATEUR RADIO CLUB

PRESIDENT-HARVEY ROOKUS-NL7DK-333-4693
CLUB PHONE:345-0719

MARCH 1989

CONGRATULATIONS TO ROGER HANSEN KL7HFQ WHO WAS THE RECIPIENT OF THIS YEAR'S HAM OF THE YEAR AWARD. AARC CLUB MEMBERS UNANIMOUSLY CHOSE ROGER BECAUSE OF HIS YEARS OF VEC VOLUNTEER. CONGRATS, ROGER.

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17 METER BAND NOW OPEN

17 Meters is now open for general use, as of about February 1st. The 18 Megahertz frequencies are for use by General class and above: 18.068 to 18.168 with 18.110 to 18.168 for phone use, 18.100 to 18.110 for RTTY, and total band CW. Thanks to KL7YF who put this out on the ARES Net.

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EDITOR'S NOTE: First, I must apologize for the lateness of the March Newsletter. However, due to my present college workload added to everything else, it has become increasingly more difficult to put out the AARC Newsletter in a timely manner by myself. Some of you have submitted articles and information in unfinished form and may wonder why they have not appeared in the paper. I am not cutting your articles, I simply do not have the time to make them into camera-ready products now. I no longer have the use of a computer, so it has become a time consuming task. I tried to recruit an assistant or assistants, but that does not seem to be the answer, as no one came forward to do typing or delivery for the Newsletter. Unfortunately it has become necessary for me to relinquish this job to someone who will be better able to fulfill the job. Harvey will be running the "railroad" on this one, so if you would like the privilege of becoming the new AARC Editor, please contact him. In parting, thanks to all the people who encouraged me and brought in things for the newsletter. You helped make it a Newsletter to be proud of.

-AL7KM

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HAM CALENDAR

MARCH 3 -- AARC GENERAL MEMBERSHIP MEETING, SPENARD REC CENTER, 2020 W. 48th, ANCHORAGE. 7 PM.

MARCH 4 -- START OF THE IDITAROD

MARCH 8 -- AARC BOARD MEETING, HOPE COTTAGE MEETING ROOM, BERING STREET, BETWEEN BENSON AND NORTHERN LIGHTS. 7 PM.

VEC TESTING: ANCHORAGE- FIRST WEDNESDAY OF EACH MONTH, 6:30 PM, AT THE ALASKA BLOOD BANK, 4000 LAUREL STREET.

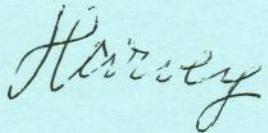
EAGLE RIVER- THIRD WEDNESDAY OF EACH MONTH, 7 PM, AT THE EAGLE RIVER VFW HALL (DOWNSTAIRS). FOR INFORMATION ON VEC TESTING CALL: ROGER 243-2221 or 786-8121.

APRIL 7 -- AARC GENERAL MEMBERSHIP MEETING. SPENARD REC CENTER, 7 PM.

NEWS FROM THE DOG KENNEL - NL7DK

Here I am again! It seems like I am always writing this page, when we all know that there are approximately 30 days between times. I had another good time playing Ham at Skwentna for the Iditaski and Iditashoe. It is a lot of fun even though it takes about three days to recover from the odd hours of sleep during the events. I know many of you worked the Fur Rondy events and did another fine job. It is certainly interesting to hear all of the new Call Signs on the air from the last class of KL7CQ-Wilse. It might be noted that as you hear Wilse Morgan on the air at these events it may be the last time you will hear that melodious voice working these events as he still maintains he is leaving the state at the end of September. Once again we are coming to that time of year when the Nominating Committee will be starting to look for candidates for the various offices. If you have any suggestions or wish to serve the Club in an Official capacity be ready to make your wishes known to me or when the Nominating Committee is announced later to one of the members. Also if anyone feels something should be done in a different manner please pass the word to one of the Board members. That way we can get a better feel to the way we try to run things. Thanks for listening.

73 NL7DK



LETTERS TO EDITOR

EDITOR'S NOTE: I received a letter from Robert M. McKinnie, AL7AW in response to my request for a copy of the "Iditarod Special" antenna. I wish it had been here sooner as it was in camera ready form. Thanks, AL7AW. In his letter he said, "We have two new hams in the family here: X-XYL Diana is N5NNU and daughter Faith is N5NJJ. Happy New Year to all our friends in AARC. 73, Bob."

Also, FCC sent samples of the numerous informational brochures available through their offices locally: All About Auto Electronic Products, Interference Handbook, Booster Amplifier Interference, Home Satellite Dish Installation, Telephone Interference, & several other Interference bulletins. Call 243-2153 for information. Or you can stop at the FCC office at 6721 Raspberry Road, Anchorage.

AARC GENERAL MEMBERSHIP MEETING 3 FEB 1989

Having wrestled the Community Center management our outstanding President was able to obtain the normal meeting room for our meeting rather than the cramped upstairs one. Well done again Harvey. With that he, being NL7DK, called the meeting to order at 1915 hours.

If you are just now reading this it is too late but there was a call for help on the Fur Rondy Grand Prix on Feb 11,12. On the other hand it isn't too late to get involved in Iditarod if you want to volunteer. A sign up sheet was sent around.

Wilse is holding his last class at 9th and Gamble since the class was cancelled by UAA. Thurs. night is code and Fri is technical. Call him for more info.

Oh yes Iditaski is feb 11,12 too. You missed another chance to volunteer. Too bad for missing the club meetings. Would you believe the same for Rondy dog races too. Wow what a busy time.

Lance, our esteemed past-president is now the new Membership chairman. Good on him. Thanks to Rod for all his work in the past.

Lil of the Diamond kind, announced the ARES net and PARKA NET TIMES ALSO. While she held the floor she was unanimously voted permanent Flea Market Chairperson although she was not allowed to even comment or vote. I think the whole thing was probably unconstitutional or something like that so we may have to find another way. Come to the next club meeting and see how the AARC RR really works.

Pete LaPlante, W7SOV was elected new Board member to replace KL7IZC who is leaving the state. Thanks for your support of the club IZC.

Fred, HFM, asked how many present were hams because of our VEC program. Almost half of those present at the meeting raised their hands. He then gave a rousing speech in support of Roger as our Ham of The Year.

Without being present to argue for or against the point our illustrious VEC Roger was elected as our club Ham of the Year. Congratulations.

W8NJC of Tailor, MI has written the club to ask for someone to work him on 160 meters. He needs AK for WAS 160.

Kevin Janson, USAF has asked for a ham to show their shack to his cub scout den. Any volunteers?

The club has received 2 applications from the USSR for club awards.

KL7YF reported that the Ak Div of Emergency Services was impressed with the recent ham involvement in a simulated emergency test. 361 hams checked in representing 120 communities with 8 reporting in on the emergency frequency of 5.1675 MHz. The state was almost ready to activate the hams during the recent cold spell.

MOA subcommittee has held 3 meetings to discuss the issue of broadcast towers in the Anchorage bowl. One of the major objections is the looks of towers. Planning and Zoning has repeatedly said they are not after hams. Keep your eye on this one.

Not having any other business we then were treated to a wonderful whirlwind tour of Europe by Mark who saw almost the whole place in only 3.5 weeks. We saw slides of Switzerland, France, Germany, Denmark, Italy and Greece. You all missed another good one if you weren't there. Try to make the next one or else you'll miss another one. AL7GN

IDITAROD SPECIAL EVENT STATION KL7AA

A SPECIAL EVENT STATION WILL BE ON THE AIR THIS YEAR FROM THE CLARION HOTEL. WE WANT TO GIVE HAMS FROM AROUND THE WORLD A CHANCE TO CONTACT THE IDITAROD RACE HEADQUARTERS. THE CLUB BEAM AND TRAILER WILL BE USED FOR 10, 15 AND 20 METERS. LOIS NL7KE IS GOING TO MAKE UP A SPECIAL QSL CARD. JOHN KL7GNP WILL BE QSL MANAGER. JIM MOODY NL7C WILL BE IN CHARGE OF THE STATION SET UP. WE WILL BE OPERATING DURING MOST OF THE RACE. THIS WILL REQUIRE A LARGE NUMBER OF HAMS TO KEEP THE STATION ON THE AIR DURING THE TIME THE BANDS ARE OPEN. IT DOES NOT MATTER WHAT YOUR GRADE OF LICENSE IS. WE WILL TRY TO HAVE CONTROL OPERATORS THERE. SO I WILL BE IN TOUCH WITH MANY OF MY STUDENTS PAST AND PRESENT. ALSO MOST EVERYONE ELSE. PLEASE GIVE ME A CALL TO SIGN UP FOR A SLOT OF TIME DURING THE THREE WEEKS. MY NUMBER IS STILL 345-1061 WILSE KL7CQ

for sale	for sale	for sale
FOR SALE	FOR SALE	FOR SALE
FOR SALE		

- \$700 { Ten-Tec Argosy II, 10 Thru 80 Meters
 NB, FILTER, Linear Amp Switching Kit,
 Power Supply
 Mobile Mount
 Hand Mic
- \$25 — Shure 444 desk mic
- \$25 D-104
- \$75 Palstar Transceiver Preamp, Mod 410X
 Ask for Bill —
 CALL 345-7837 hm
 279-0543 wk

AARC BOARD MEETING 8 FEBRUARY 1989

Meeting was called to order by our capable President Harvey at or about the hour of 7 pm. The treasurer reported that we are still working well in the black. Thanks to the continued income from the Gaming Chairman. The annual report to the membership should appear in the next newsletter.

Our trusted Trustee reported that everything is working well.

The Gaming and Scholarship chairman reported that our operator Pete Cramer is doing a good job of reporting to the state under the new rules. Looks like the Club is doing well at meeting the state requirements.

After a lengthy discussion it was moved, seconded and passed that the Club policy continue to support two scholarships at APU for spring and fall semesters for undergraduates not to exceed six semesters in an amount to set by the Board of Directors.

The busy Activities Chairperson reported that for March the guest will be the American Red Cross and in April we will view a video of the 1988 Iditarod prepared by a foreign news bureau. Come see how we are viewed overseas.

Due to a lack of volunteers to help the newsletter editor the AARC RR will be started up so you had better get in there and buy a ticket to a destination of your choice or the engineer will overtake you and take you for a ride into the unknown. For those of you who don't get my drift I'm saying you are going to be drafted if you don't volunteer. Get with it.

Congratulations to our Ham of The Year Roger. Not only did he get chosen for that honor but he has placed AARC as number 10 in the whole nation in elements of the ham test administered over the last 6 months. Quite an honor for our club as well as showing how strong hamming is in Alaska. Thanks again to Roger and his crews.

A letter has been sent to the PARKA members asking their assistance in coordinating the Mothers Day Mall experience.

Field Day on June 24/25 will probably be at Providence Hospital this year. Plan for it.

The club President reported an irrate call from a private citizen about RFI problems with her TV etc. She had written the FCC and had been referred to AARC. The problem is in the Mtn. View area and has been referred to the Club TVI Committee for resolution.

A correction to the Jan. Board meeting minutes was made. It was pointed out that Mark had agreed to prepare a list of club property not club members as reported in the minutes. The secretary humbly appologized and the correction is hereby noted.

Our esteemed past president Lance has graciously agreed to become the club membership chairman. He reports that the club has 336 members of which 148 are lifetime members.

After lengthy discussion it was moved, seconded and passed that in order to enhance and promote the Life Membership program the Club will accept monthly payments over a 24 month period for life memberships. If the applicant defaults on payments during that period then the amount paid will be prorated toward regular membership for the number of years the sum would pay for.

After a few other mumblings, grumblings and general ham type chatter the meeting was adjourned round about 8 pm. AL7GN

NEW HAMS NEW HAMS NEW HAMS

	CALL	FROM	TO
ANCHORAGE			
JOAN E. BELLER		NO LICENSE	NOVICE
RICHARD E. DENNIS	KL7IOL	TECHNICIAN	ADVANCED
ROBERT L. GRIFFIN	AL7KS	ADVANCED	AMATEUR EXTRA
BOBBY E. LITTLE	WL7BTP	NOVICE	TECHNICIAN
GIMMIE L. ROSSER	NL7NB	GENERAL	ADVANCED
EAGLE RIVER			
FAIRBANKS			
PETER L. BEAN	WL7BRH	NOVICE	TECHNICIAN
JOSEPH C. BILLY	WL7BSL	NOVICE	TECHNICIAN
JILL T. HANNAN		NO LICENSE	NOVICE
GILBERT D. MONROE	WL7AYH	ADVANCED	AMATEUR EXTRA
LEWIS W. MEYERS	WL7AWX	TECHNICIAN	GENERAL
KENNETH J. PERRY	AL7GA	ADVANCED	AMATEUR EXTRA
MARY M. WORRALL	WL7BSQ	NOVICE	TECHNICIAN
TIM D. ZOOK	NL7PL	TECHNICIAN	GENERAL
JUNEAU			
SOLDOTNA			
DAN L. BUCHHOLZ (13 yrs old)		NO LICENSE	TECHNICIAN
JIM S. CAMPBELL	WL7BNF	GENERAL	ADVANCED
ARLENE G. JASKY	WL7BNF	NOVICE	TECHNICIAN
ROBERT J. MULHOLLAND	WL7BME	NOVICE	TECHNICIAN
JAMES W. SCHOPP	WL7BTN	NOVICE	TECHNICIAN

submitted by Roger Hansen, KL7HQ, VEC Director)

MORE VEC INFORMATION

While trying to listen to 75 meters (for once I get a chance to turn the radio on) and continue reading some of the F.C.C. poop sheets that I have acquired through the years, I came across a few articles that might be worthy to pass on to everyone.

The first article concerns using newly upgraded licensees to administer examinations.

Section 97.28(a) of the Commission's Rules, 47 C.F.R. 97.28(a), states that an administering VE must hold a certain class of operator license issued by the FCC. A Certificate of Successful Completion of Examination is not a license and it is not issued by the FCC. It is not an adequate basis, therefore, to accredit the holder.

Examinees face a greater risk of having their license voided sometime in the future when they are administered their examinations by newly upgraded licensees. The multiple-VE system probably heads off some cheating that might otherwise occur. Where cheating does occur, however, the VEs tend to inform on each other well after the fact. Several generations of licensees can be affected when it is determined that an administering VE was ineligible.

(Note: a Certificate of Successful Examination either gives credit for element(s) passed or gives operating privileges to the licensee and that is all that it does).

Now for something else. The following list is just a few of the calls and letters from hams around the country that the Washington office of the FCC has received concerning different subjects. This list sometimes makes you wonder just how prepared these new hams are.

Ignorance of the rules is not an excuse for violating them.
Theft of equipment from a remotely controlled amateur station.
Where to report instances of irregularities in preparing and administering examinations.

Requirements for notification of space operation.

Remote pickup for a broadcast station during a hurricane.

Tactical call signs during a forest fire.

How to apply for a waiver of the rules.

The difference between a rule change and a rule waiver.

Emergency procedures.

The proper identification procedure for a maritime mobile amateur station.

Waiver of the 13 wpm telegraphy examination because of deafness or handicap, or because there are devices available that automatically send and receive the Morse code.

Waiver of frequency band limits for space operation.

*** Request for examination credit for a reciprocal license issued to a U.S. citizen by a foreign country.

Renewal of licenses that expired 10-20 years ago.

Requests for personalized call signs.

Novice/Technician 10 meter frequency privileges.

Reciprocal operating privileges in a foreign country.

"Use of a United States call sign" in a foreign country.

Accepting a reward for reporting a crime via an amateur station

User Commands for KL7AA 146.94 Repeater

The KL7AA 146.94 repeater is controlled by a ACC RC-850 computer which supports a number of interesting, and informative commands for our users.

All commands should be proceeded by a station ID of the using station, commands entered without ID's are subject to the wrath of the on duty control operator, and furthermore users who fail to ID are breaking the FCC's laws. Which can result in fines, and or loss of license.

Trivia about the repeater:

GE Mastr II 110 watts. 9db collinear antenna, fed with 1/2" heliax, with pattern peak at 290 degrees true, from a commercial site near Flattop mountain. Two receivers, one in West Anchorage near north end of North/South runway at Anchorage International, this receiver is linked to the repeater site by UHF, and is then voted against the main receiver. The received signal with the best quieting is then passed on to the controller, and then to the transmitter. Entire system is battery backed, battery will hold entire system on the air for about three hours, and the site has an emergency autostart generator.

The KL7AA 224.94 repeater is co-located at this site, as is the 446.00 simplex remote base, which is tied to the 146.94 repeater. The remote base is automatically disabled during phone patch operations.

The RC-850 controller is CMOS based, draws less than 200ma in full operation, will support up two four phone lines, stores in permanent memory up to 400 phone numbers. Has a lookup table that knows all the valid prefix's for toll free Anchorage area phone numbers, and will restrict any attempt at a long distance number. RC-850 controller has a vocabulary of over 350 words in RAM memory. We also have a Digital Voice Recorder tied to the controller that will record speech, and store it in 1 megabyte ram storage area, for later replay. Special announcements, and ID's + user messages are stored in this device. The DVR is also tied to the KL7AA 220 repeater, and users can leave messages on either 146.94 or 224.94 for other users to pickup, from either repeater.

Access code	Function	notes
80	Current time	
5 + 32 digits	Test Touch Tone [r] pad	"D" key last!
User Password	* + seven digit number regular patch	# hangup
9** [10-19]	Emergency patch	# hangup
* xx or xxx	Autodial patch	# hangup
4	list traffic in storage	
4x	replay traffic where x is 1-9 sequence	
4 *	leave message for another station	follow voice prompt
4 **	erase message just played.	
4 ***	test signal to repeater, unkey, rekey and speak short msg.	

Emergency Autodialers on the KL7AA 146.94 repeater.

The following are available 24 hours a day on the KL7AA 146.94 repeater for any licensed Amateur. You DO NOT need any access code, just dial the three digit number. The disconnect code is #.

The Emergency Patch timer is set to 10 minutes, which should be more than enough time to pass your Emergency traffic, a alarm is sent to the control operator whenever an Emergency patch is started, he or she can defeat the timer via a second frequency if it appears that you are going to need more time.

910 - Operator

911 - EMERGENCY OPERATOR PLEASE!! LIFE THREATNING EMERGENCY'S ONLY!

912 - Anchorage Police Department Dispatch center

913 - Alaska State Troopers Dispatch center

914 - Security Police Elmendorf AFB

915 - Security Police Fort Richardson

916 - Enstar Natural Gas Company dispatch center

917 - FAA Flight service station Merrill Field

918 - Traffic lights, Anchorage area.

919 - Anchorage Amateur Radio Club [recorder]

Don't confuse the operator by using words like AUTOPATCH, just tell them your calling from your car phone. Speak SLOWLY, CLEARLY, and be sure that you give full details. Wait for the Emergency service operator to hang up first, before you disconnect from the patch. And of course remember to ID.

MORE VEC INFORMATION, CONT. FROM PAGE 7

autopatch.

Proper identification of an amateur station that "relays the telephone to the repeater".

Suspension of the amateur service in the event of war.

Type acceptance of external rf power amplifiers.

Pre-space operation notification.

Where to attach a transmitter power measurement device.

(From a new Novice): Suitability of a certain model transmitter on the 10 meter band and power limits.

No I didn't make these up and I certainly hope that none of the hams here in Alaska solicited the FCC with any of these.

*** Oh yeah, bet you wonder what these three stars are doing in the list? I put them there on purpose. Well here is the reason. Can anybody out there find the FCC rule for this item? Hint, it's in Part 97 and you have to read very carefully.

ANCHORAGE AMATEUR RADIO CLUB

ROSTER CHANGES

EFFECTIVE FEB. 1, 1989

NEW MEMBERS

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE
NL7ON	BATES, TOM	7060 CHERYL ST	ANCHORAGE	AK	99518	H:344-5862 W:243-2153
AG4T	CHAVIANO, EMILIO A.	6-5208 "H" ST	EAFB	AK	99586	H:552-4388
KL7GSC	CHMIEL, STAN	POB 197	NAKNEK	AK	99633	H:246-4243
NL7PO	CRUICKSHANK JR, MAURICE J.	12840 BEN CT	ANCHORAGE	AK	99515	H:345-7234 W:248-3373
NL7PP	EVANS, KIM	7805 KIANA CIR	ANCHORAGE	AK	99587	H:349-7862
-----	FULLER, DAVID	7710 LITTLE BEND CIR	ANCHORAGE	AK	99587	H:344-3475 W:243-1121
-----	HEGG, ARYN L.	HC31 BOX 5254A	WASILLA	AK	99687	H:376-8548
-----	HEGG, PETER	HC31 BOX 5254A	WASILLA	AK	99687	H:376-8548 W:376-3281
AL7GS	HORNSBY, HOWARD P	1908 HILLCREST DR #14	ANCHORAGE	AK	99583	H:274-8756
NL7HP	HURLBUT, FRANK & ANN	2003 ROOSEVELT DR	ANCHORAGE	AK	99517	H:563-8116
NL7A	JONES, JOHN J	8268 E. 20TH AV	ANCHORAGE	AK	99584	H:333-7888 W:243-2153
NL7NT	KOSTO, GARY & SHIRLEY A	POB 678589	CHUGIAK	AK	99567	H:688-3558 W:659-5393
NL7DL	MARVIN, LILLIAN	1030 DENALI	ANCHORAGE	AK	99581	H:277-6741
KL7YF	MARVIN, RICK	1030 DENALI	ANCHORAGE	AK	99581	H:277-6741
-----	O'NEAL, THOMAS p. & GENEVA	5210 MOCKINGBIRD DR #315	ANCHORAGE	AK	99587	H:562-2388
KL7JHR	OGREN, DENNIS K.	6624 HOLLY LN	ANCHORAGE	AK	99582	H:243-4489 W:266-1649
KL7KL	OGREN, MARTHA	6624 HOLLY LN	ANCHORAGE	AK	99582	H:243-4489
KF7S	REINKE, KENT D.	381 TAYLOR	ANCHORAGE	AK	99588	H:272-5457 W:552-4743
NL7HA	SHEFFIELD, T.J.	3234 LA TOUCHE #6-14	ANCHORAGE	AK	99588	H:279-8613 W:564-5933
NL7HT	SOMMER, ROBERT C.	POB 1886	BETHEL	AK	99559	H:543-3116 W:543-3131
NL7LV	SWAN, MICHAEL T.	9432 AGATTU CIR	EAGLE RIVER	AK	99577	H:694-1637 W:552-4386
AL7JB	WERKEMA, DON	POB 771163	EAGLE RIVER	AK	99577	H:696-8673 W:863-8188

CHANGES, ETC.

AL7KE BROPHY, WALTER S -- ADD "& NANCE"; CHANGE ADDRESS TO: HC79 BOX 206 TBIRD DR.
 AL7JN COWLES, RON -- CHANGE WORK NUMBER TO 269-1138
 KL7IKX DICKINSON, DOUGLAS P -- CHANGE HOME PHONE TO 522-3886
 WL7BQG ROSSER, GIMMIE -- CHANGE CALL TO NL7NB
 WA8UNY SCHMIDT, BOB -- CHANGE ADDRESS TO 19131 ATTU CIR
 WL7ADE SCHMIDT, JEANNE -- CHANGE ADDRESS TO 19131 ATTU CIR; CHANGE CALL TO NL7PF
 KN4NXU SCHMIDT, ROBBY -- CHANGE ADDRESS TO 19131 ATTU CIR
 AL7IM STEWART, ERIC D -- CHANGE STREET NUMBER TO 12950 SUMMER CIR
 NL7NN WOODS, SUSAN J. -- CHANGE WORK NUMBER TO 264-8584

ARRL Diamond Jubilee Award

By John F. Lindholm, W1XX, and Bart J. Jahnke, KB9NM—ARRL HQ

In May 1914, a small band of radio amateurs led by the late Hiram Percy Maxim, W1AW, of silencer fame, and the late Clarence Tuska, started a national organization and named it the American Radio Relay League. Since that time, the story of Amateur Radio has been the history of the League—the chronicle of amateurs working together for the public welfare and for their common good."

So wrote John Huntoon, W1LVQ (now W1RW), ARRL General Manager 1961-1975, in the foreword to *Fifty Years of A.R.R.L.*, an ARRL publication marking 50 years of League prosperity.

In commemoration of the 75th Anniversary of the American Radio Relay League, we invite you to celebrate its Diamond Jubilee.

To mark this historic achievement, the ARRL Board of Directors has called for a year-long operating celebration open to amateurs and shortwave listeners around the world.

A handsome certificate (we've really outdone ourselves on this one!) may be earned in any of the following three categories, with each remaining category endorsable with a special ARRL Diamond:

- Work 75 ARRL/CRRL Sections on any combination of bands/modes. (There are currently 76 such entities, including VE8/VY1, which is counted as one additional section.) A complete list of Sections appears in Table 1.

- Work 75 different DXCC countries on a combination of the 18- and 24-MHz WARC bands. Individual countries may be counted only once—regardless of band used. Note: You may work all 75 countries on either 18 or 24 MHz, or a combination of both. The 18-MHz band is not expected to be available to US amateurs until mid-1989, so for US stations most early

activity in this category will need to take place on 24 MHz. (See Table 2 for 18- and 24-MHz regional allocations.)

- Work 75 US Novice stations (or Technicians below 30 MHz) with exchanges something more than simple "hello-goodbyes." General, Advanced and Extra Class US amateurs work 75 Novice/Technicians to qualify. Novice/Technician stations work anybody for a total of 75 stations. The object of this category is to provide meaningful contacts that assist Novices in improving their operating skills and encourage them to upgrade.

Shortwave listeners are also encouraged to participate and may earn a certificate and endorsements by SWLing in any, up to all, of the three categories.

Application forms are available for an SASE with one unit of First Class postage (for US), or a self-addressed envelope from overseas, from The American Radio Relay League, Diamond Jubilee Award, 225 Main St, Newington, CT 06111 USA.

Rules

1) The Anniversary period to qualify for

the "Diamond Jubilee" is from 0001 UTC January 1, 1989 through 2359 UTC December 31, 1989. All contacts must be made during this period.

- 2) The "Diamond Jubilee" is awarded for radio contact achievement in any of the three categories listed earlier.

- 3) The "Diamond Jubilee" may be endorsed in any of the remaining two categories not achieved in the initial application. Certificates with endorsements are also available to SWLs.

- 4) The applicant certifies on the official application the authenticity of log extract information for contacts. No QSL cards are required.

- 5) The "Diamond Jubilee" is available to ARRL members and nonmembers alike.

- 6) The official application form must be used to facilitate processing.

- 7) Send complete applications (within one year of the close of the Jubilee period) to ARRL HQ with: *Initial Applications \$5 US or Non-US may send 12 IRCs; Endorsements \$1 US plus an SASE or Non-US send 2 IRCs and a self-addressed envelope.*

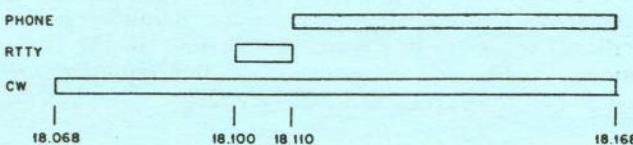
Table 1
ARRL/CRRL Sections

1	2	3	4	5	6	7	8	9	0	VE
CT	ENY	DE	AL	AR	EB	AZ	MI	IL	CO	MAR
EMA	NLI	EPA	GA	LA	LAX	ID	OH	IN	IA	PQ
ME	NNJ	MDC	KY	MS	ORG	MT	WV	WI	KS	ON
NH	SNJ	WPA	NC	NM	SB	NV			MN	MB
RI	WNY		NFL	NTX	SCV	OR			MO	SK
VT			PR	OK	SDG	UT			NE	AB
WMA			SC	STX	SF	WA			ND	BC
			SFL	WTX	SJV	WY			SD	YU/NWT
			TN		SV	AK				
			VA		PAC					
			VI							

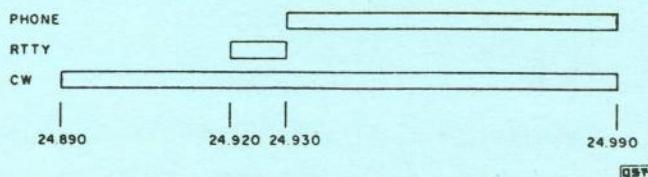
Table 2
18- and 24-MHz Band Plan for All IARU Regions

18 MHz Band Plan

All IARU Regions (US amateurs note: The 18-MHz band is expected to be available to US amateurs about mid-year 1989. US amateurs must not transmit on this band until it is released for use by the FCC. See QST and W1AW bulletins for updates.)



24 MHz Band Plan
All IARU Regions



Before the
Federal Communications Commission
Washington, D.C. 20554

PR Docket No. 88-467

In the Matter of

Amendment of Part 97 of the
Commission's Rules to permit use
of the 17 meter band by the
Amateur Radio Services.

NOTICE OF PROPOSED RULE MAKING

Adopted: September 1, 1988; Released: September 14, 1988

By the Commission:

I. BACKGROUND

1. The Final Acts of the 1979 World Administrative Radio Conference (1979 WARC), which comprise an international treaty, allocated the 17 meter band to the Amateur and Amateur-Satellite Radio Services.¹ While we have allocated this band for amateur services operation in the United States, it remains an alternative allocation to the Government fixed service until such services are removed from the band. *See Second Report and Order*, General Docket No. 80-739, 54 RR 2d 1500 (1983). *See also* Footnote US 248 to the Table of Frequency Allocations, 47 C.F.R. § 2.106.

2. The United States Department of Commerce, National Telecommunications and Information Administration (NTIA), acting upon advice from the Interdepartment Radio Advisory Committee (IRAC), has informed us that United States Government fixed operations in the 17 meter band will preclude any amateur service usage of this band before July 1, 1989. Thus, we have denied access to the 17 meter band to amateur stations until July 1, 1989. *See Notice of Proposed Rule Making*, PR Docket No. 84-960, 49 Fed. Reg. 40611, 40612 (1984). *See also* Letter from the Chief Engineer to the American Radio Relay League, Inc. (ARRL) (February 9, 1987).

3. Normally, a two-step process follows domestically after allocation of a frequency band internationally. We have taken the first step, which is to amend Part 2 of the Commission's Rules, 47 C.F.R. Part 2, including the domestic Table of Allocations, to add 17 meters as an amateur services allocation. *Second Report and Order*, General Docket No. 80-739, *supra*. To make this spectrum available to amateur stations by July 1, 1989, we must now take the second step, which is to adopt rules in the amateur services for use of the spectrum.

THANKS TO ROGER, KL7HFQ, FOR
SUBMITTING THIS FOR THE NEWSLETTER.

II. PROPOSAL

4. We propose to permit amateur station operation in the entire 17 meter band. Additionally, we propose to create a 42 kHz telephony/digital emissions subband (18.068-18.110 MHz) similar to those in the other high frequency amateur service bands. This proposal is consistent with the previous petition for rule making filed with respect to the 17 meter band by ARRL on July 2, 1986. Although that petition was dismissed at the time because it was premature, the recommendations for use of the band in the amateur services are still valid. *See Letter from the Chief Engineer to the American Radio Relay League, Inc., supra*.

5. Additionally, the International Amateur Radio Union regional organizations have each adopted resolutions recommending a telephony/digital emissions subband in the 17 meter band.² The subband we propose is consistent with these recommendations. Implementation of such a subband would assure consistency and international harmony in the use of the 17 meter band. In the balance of the band we propose to authorize telephony, facsimile and television emissions.

6. We propose to make the 17 meter band available to General, Advanced and Amateur Extra Class operator licensees. This approach is consistent with our previous authorization of the 12 meter band (24.890-24.990 MHz) to the amateur service. *See First Report and Order*, PR Docket No. 84-960, 50 Fed. Reg. 18662 (1985). We are preliminarily of the view that use of the 17 meter band requires the skill and knowledge of General operators and above. More than fifty nations already authorize use in this band, and we propose to make the entire band available in the Amateur-Satellite Service. Moreover, we propose no power limitations in the band other than those which generally govern the amateur services. *See* 47 C.F.R. § 97.67(a) and (b). To minimize the potential for interference in this band, we therefore believe the minimum skills associated with the General Class operator license are required. We seek comment on the operator classes that should have access to this band.

7. Accordingly, we propose to amend Part 97 of the Commission's Rules, 47 C.F.R. Part 97, to add the 17 meter band to the amateur services as described above. The rules proposed are set forth in the attached Appendix.

III. PROCEDURAL MATTERS

8. For purposes of this non-restricted notice and comment rule making proceeding, members of the public are advised that *ex parte* presentations are permitted except during the Sunshine Agenda period. *See generally* 47 C.F.R. § 1.1206(a). The Sunshine Agenda period is the period of time that commences with the release of a public notice that a matter has been placed on the Sunshine Agenda and terminates when the Commission (1) releases the text of a decision or order in the matter; (2) issues a public notice stating that the matter has been deleted from the Sunshine Agenda; or (3) issues a public notice stating that the matter has been returned to the staff for further consideration, whichever occurs first. 47 C.F.R. § 1.202(f). During the Sunshine Agenda period, no presentations, *ex parte* or otherwise, are permitted unless specifically requested by Commission or staff for the clarification or adduction of evidence or the resolution of issues in the proceeding. 47 C.F.R. § 1.1203.

9. In general, an *ex parte* presentation is any presentation directed to the merits or outcome of the proceeding made to decision-making personnel which (1) if written, is not served on the parties to the proceeding, or (2), if oral, is made without advance notice to the parties to the proceeding and without opportunity for them to be present. 47 C.F.R. § 1.1202(b). Any person who submits a written *ex parte* presentation must provide on the same day it is submitted a copy to the Commission's secretary for inclusion in the public record. Any person who makes an oral *ex parte* presentation that presents data or arguments not already reflected in that person's previously-filed written comments, memoranda, or filings in the proceeding must provide on the day of the oral presentation a written memorandum to the Secretary (with a copy to the Commissioner or staff member involved) which summarizes the data and arguments. Each *ex parte* presentation described above must state on its face that the Secretary has been served, and must also state by docket number the proceeding to which it relates. 47 C.F.R. § 1.1206.

10. Authority for issuance of this *Notice* is contained in Sections 4(i) and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i) and 303(r). Pursuant to applicable procedures set forth in Sections 1.415 and 1.419 of the Commission's Rules, 47 C.F.R. §§ 1.415 and 1.419, interested parties may file comments on or before October 31, 1988 and reply comments on or before November 30, 1988. The Commission will consider all relevant and timely comments before taking final action in this proceeding. To file formally in this proceeding, participants must file an original and five copies of all comments, reply comments and supporting comments. If participants want each Commissioner to receive a personal copy of their comments, an original and nine copies must be filed. Comments and reply comments should be sent to Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Comments and reply comments will be available for public inspection during regular business hours in the Dockets Reference Room (Room 239) of the Federal Communications Commission, 1919 M Street N.W., Washington, D.C. 20554.

11. In accordance with Section 605 of the Regulatory Flexibility Act of 1980, 5 U.S.C. § 605, the Commission certifies that these rules would not, if promulgated, have a significant economic impact on a substantial number of small entities, because these entities may not use the amateur radio services for commercial radiocommunication. See 47 C.F.R. § 97.3(b). Moreover, the proposed rules would not require the use of or significantly enhance the sale of any additional amateur radio services apparatus.

12. This proposal has been analyzed with respect to the Paperwork Reduction Act of 1980 and found to contain no new or modified form, information collection and/or record keeping, labeling, disclosure, or record retention requirements; and will not increase or decrease burden hours imposed on the public.

13. IT IS ORDERED that the Secretary shall cause a copy of this *Notice* to be served upon the Chief Counsel for Advocacy of the Small Business Administration.

FEDERAL COMMUNICATIONS COMMISSION

H. Walker Feaster, III
Acting Secretary

APPENDIX

Part 97 of Chapter 1 of Title 47 of the Code of Federal Regulations is proposed to be amended, as follows:

1. The authority citation for Part 97 continues to read as follows:

Authority citation: 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303. Interpret or apply 48 Stat. 1064-1068, 1081-1105, as amended; 47 U.S.C. 151-155, 301-609, unless otherwise noted.

2. Section 97.7(c) would be amended by adding the following line entry in the table between the last 20 meter band entry and the first 15 meter band entry, as follows:

Section 97.7 Frequency privileges.

(c) * * *

Meter Band	Terrestrial location of the amateur radio station			Limitations (see para. (g))
	ITU Region 1	ITU Region 2	ITU Region 3	
kilohertz				

* * * * *

17 18068-18168 18068-18168 18068-18168

* * * * *

3. Section 97.7(d) would be amended by adding the following line entry in the table between the last 20 meter band entry and the first 15 meter band entry, as follows:

(d) * * *

Meter Band	Terrestrial location of the amateur radio station			Limitations (see para. (g))
	ITU Region 1	ITU Region 2	ITU Region 3	
kilohertz				

* * * * *

17 18068-18168 18068-18168 18068-18168

* * * *

4. Section 97.7(e) would be amended by adding the following line entry in the table between the 20 meter band entry and the 15 meter band entry, as follows:

(e) * * *

Terrestrial location of the amateur radio station

Meter Band	ITU Region 1	ITU Region 2	ITU Region 3	Limitations (see para. (g))
				kilohertz

* * * *

17 18068-18168 18068-18168 18068-18168

* * * *

5. Section 97.61(a) would be amended by adding two line entries to the table between the 7150-7300 kHz and 10100-10150 kHz entries, as follows:

Section 97.61 Authorized emissions.

(a) * * *

Frequency band (kHz)	Emissions	Limitations (see paragraph (d))
18068-18110	A1A, F1B	
18110-18168	A1A, A3E, F3E, G3E, A3C, F3C, A3F, F3F	

* * * *

18068-18110 A1A, F1B
18110-18168 A1A, A3E, F3E, G3E,
A3C, F3C, A3F, F3F

* * * *

6. Section 97.415(a) would be amended by adding one line entry between the 14000-14250 and 21000-21450 entries in the kilohertz portion of the table, as follows:

Section 97.415 Frequencies available.

(a) * * *

Frequency band kilohertz	Limitations (see paragraph (b))
18068-18168	

* * * *

18068-18168

* * * *

FOOTNOTES

¹ The Final Acts of the 1979 WARC became effective internationally on January 1, 1982, for administrations that ratified the treaty prior to that date and will become effective for other nations upon deposit with the International Telecommunication Union (ITU) of their instrument of ratification. The United States Senate gave its advice and consent to ratify the treaty in December, 1982, and submitted it to the President who signed it on September 6, 1983. The treaty now has the force of law in the United States. The frequencies between 18.068 MHz and 18.168 MHz are commonly referred to in the amateur community as the 17 meter band.

² See the IARU Calendar, 128, issued April 15, 1985.

HAM EMERGENCY PREPARATION CHECKLIST

Hams are well known for their assistance during emergencies such as severe storms and earthquakes. Find out with this checklist how well prepared you are.

SCENARIO: Feb. 19, 1990, 3:12 a.m., temperature outside:-16 degrees F. Suddenly an earthquake of magnitude 8.3 leaves the city in ruins and flames. All utilities are hopelessly knocked out. There is no electricity, natural gas, water, or waste sewer system. Experts say it will be weeks before any of these are back on line. You decide to do an assessment of your situation:

- 1) You have a generator/powerplant: Yes=100 points.
- 20 You have fuel for the generator/powerplant: 20 gal.=100 pts.; 10 gals.=50 pts.; none=-100 pts.
- 3) You have a kerosene or coleman lantern: Yes=100 pts.; No=-100pts.
- 4) You have at least 2 gallons of fuel for it: Yes=50 pts.; No=-50 pts.
- 5) You have a camping type stove: Yes=200 pts.; No=-200 pts.
- 6) You have at least 2 gallons of fuel for it: Yes=100 pts.; No=-100 pts.
- 7) You have a wood buring stove: Yes=200 pts.; No= 0 pts.
- 8) You have at least a cord of wood: Yes=100 pts.
- 9) You have an HF rig that works: Yes=100 pts.
- 10) It will work on a 12V. battery: Yes=50 pts.
- 11) You have a 2 M. rig: Yes:100 pts.
- 12) You have enough material to make an emergency dipole antenna: Yes=100 pts.
- 13) You have a good supply of food:
 - 30 days worth = 200 pts.
 - 15 days worth = 100 pts.
 - 7 days worth = 50 pts.
 - none = -100 pts.
- 14) You have drinking water stored:
 - 20 gallons = 200 pts.
 - 10 gallons = 100 pts.
 - 5 gallons = 50 pts.
 - none = -200 pts.
- 15) You have a first-aid kit: Yes=100 pts.; No=-100 pts.
- 16) You have sleeping bags for each member of the household: Yes=100 pts.
- 17) You have a battery-powered AM broadcast radio: Yes=100 pts.; No=-100 pts.
- 18) Each member of the household knows what to do during an earthquake: Yes=100 pts.; No=-100 pts.
- 19) If you had fuel stored it is in a safe place: Yes=100 pts.; No=-100 pts.

BONUS QUESTIONS:

- 20) You know you aren't prepared but will make an effort to change that within a week: Yes=100 pts.
- 21) You know you aren't prepared but it's ok because you think "Uncle Sam" can be relied on to bail you out: Yes= FAIL.

SCORING: MORE THAN 2000 pts. = A
 1700 to 2000 pts. = B
 1400 to 1700 pts. = C
 1000 to 1400 pts. = D
 LESS THAN 1000 pts. = F

P.S. IF YOU ANSWERED "YES" TO QUESTION 21 PLEASE CALL ME. I HAVE A WONDERFUL DEAL ON A BRIDGE I WILL SELL YOU. (OR MY HOUSE IN ANCHORAGE WHERE THE REAL ESTATE MARKET IS HOT, HOT, HOT!!!)

SUBMITTED BY MARSHALL, KL7EU

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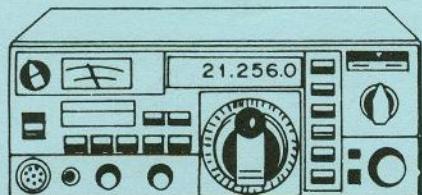
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